AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

1-81. (Cancelled).

82. (Previously Presented) An isolated antibody or a fragment thereof, wherein the antibody or the fragment thereof recognizes a mammalian GBS toxin receptor and wherein the GBS toxin receptor has at least about 86% identity to SEQ ID NO:8.

83-84. (Cancelled).

85. (Previously Presented) The isolated antibody or the fragment thereof of Claim 82, wherein the mammalian GBS toxin receptor is expressed on a surface of a cell.

86. (Previously Presented) The isolated antibody or the fragment thereof of Claim 82, wherein the isolated antibody is a monoclonal antibody or a polyclonal antibody.

87. (Previously Presented) The isolated antibody or the fragment thereof of Claim 82, wherein the isolated antibody or the fragment thereof is generated by a method comprising immunizing an animal with the mammalian GBS toxin receptor or an immunogenic polypeptide fragment thereof having at least six amino acids.

88. (Previously Presented) The isolated antibody or the fragment thereof of Claim 82, wherein the isolated antibody is a rabbit antibody or a mouse antibody.

89. (Previously Presented) The isolated antibody or the fragment thereof of Claim 82, wherein the isolated antibody recognizes an extracellular domain of the GBS toxin receptor.

90-96. (Cancelled)

97. (Currently Amended) A composition for detection of a GBS toxin receptor or a polypeptide fragment thereof, comprising a reagent for detection of the GBS toxin receptor, wherein the GBS toxin receptor has at least about 86% identity to SEQ ID NO:8, and wherein the reagent for detection of the GBS toxin receptor is an isolated antibody or a fragment thereof that binds the GBS toxin receptor.

98. (Cancelled)

99. (Currently Amended) ~~The composition of Claim 97~~ A composition for detection of a GBS toxin receptor or a polypeptide fragment thereof, comprising a reagent for detection of the GBS toxin receptor, wherein the GBS toxin receptor has at least about 86% identity to SEQ ID NO:8, and wherein the reagent for detection of the GBS toxin receptor is an isolated antibody or a fragment thereof, wherein the isolated antibody or the fragment thereof recognizes the mammalian GBS toxin receptor.

100-101. (Cancelled).

102. (Currently Amended) ~~The composition of Claim 97~~ A composition for detection of a GBS toxin receptor or a polypeptide fragment thereof, comprising a reagent for detection of the GBS toxin receptor, wherein the GBS toxin receptor has at least about 86% identity to SEQ ID NO:8, and wherein the reagent for detection of the GBS toxin receptor is an isolated antibody or a fragment thereof, wherein the GBS toxin receptor is detected in a cell or a tissue of an animal or a human.

103. (Currently Amended) ~~The isolated antibody or the fragment thereof of Claim 82~~ An isolated antibody or a fragment thereof, wherein the antibody or the fragment thereof recognizes a mammalian GBS toxin receptor and wherein the GBS toxin receptor has at

least about 86% identity to SEQ ID NO:8, wherein the isolated antibody or the fragment thereof is an inhibitor of binding of a GBS toxin to the mammalian GBS toxin receptor.

104. (Previously Presented) An isolated composition comprising an antibody or a fragment thereof, wherein the antibody or the fragment thereof recognizes a mammalian GBS toxin receptor, and wherein the GBS toxin receptor has at least about 86% identity to SEQ ID NO:8.

105. (Cancelled).